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?show files

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?t s5/5/1-6

5/5/1 (Item 1 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
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05597879 E.I. No: EIP00075230818

Title: Comparison of schemas for video metadata representation

Author: Hunter, Jane; Armstrong, Liz

Corporate Source: CITEC, Brisbane, Aust

Conference Title: The WWW8: 8th International World Wide Web Conference

Conference Location: Toronto, Ont., Can Conference Date:

19990511-19990514

E.I. Conference No.: 56977

Source: Computer Networks v 31 n 11 1999. p 1431-1451

Publication Year: 1999

CODEN: 003195 ISSN: 1389-1286

Language: English

Document Type: JA; (Journal Article) Treatment: T; (Theoretical)

Journal Announcement: 0008W3

Abstract: To enable the resource discovery of audiovisual documents over the World Wide Web, it will be necessary to define content description standards or metadata standards for complex, multi-layered, time-dependent information-rich audiovisual data streams. In particular, this is the primary goal of the emerging MPEG-7 standard, the 'Multimedia Content Description Interface' under development by the MPEG group. In the past, a lot of effort has gone into generating descriptors and description schemes for video indexing but comparatively little research has been done on **schemas** capable of defining the structure, content and semantics of video documents and enabling **validation** and higher levels of automated content checking. This paper compares the capabilities of the RDF **Schema**, **Extensible Markup Language (XML)**, Document-type Definitions (DTDs), Document Content Description (DCD), and **Schema** for Object-Oriented **XML (SOX)**, for supporting and **validating** hierarchical video descriptions based on Dublin Core, MPEG-7 and a specific hierarchical structure. Finally, this paper proposes a hybrid **schema** based on features from each of these **schemas** which will satisfy the MPEG-7 Description Definition Language (DDL) requirements. (Author abstract) 20 Refs.

Descriptors: *World Wide Web; Video signal processing; Data structures; Interfaces (computer); Standards

Identifiers: Metadata; Motion picture experts group (MPEG) standards

Classification Codes:

716.4 (Television Systems & Equipment); 723.2 (Data Processing); 722.2 (Computer Peripheral Equipment); 902.2 (Codes & Standards)
723 (Computer Software); 716 (Radar, Radio & TV Electronic Equipment);
722 (Computer Hardware); 902 (Engineering Graphics & Standards)
72 (COMPUTERS & DATA PROCESSING); 71 (ELECTRONICS & COMMUNICATIONS); 90 (GENERAL ENGINEERING)

5/5/2 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
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6488936 INSPEC Abstract Number: C2000-03-6130D-011

Title: Serializing graphs of data in XML

Author(s): Bosworth, A.; Layman, A.; Rys, M.

Author Affiliation: Microsoft Corp., Redmond, WA, USA

Conference Title: XML Europe '99 Conference Proceedings p.27-38

Publisher: Graphic Commun. Assoc, Alexandria, VA, USA

Publication Date: 1999 Country of Publication: USA ix+759 pp.

Material Identity Number: XX-1999-00768

Conference Title: Proceedings of XML EUROPE '99

Conference Sponsor: OASIS; W3C World Wide Web Consortium

Conference Date: 26-30 April 1999 Conference Location: Granada, Spain

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: **XML** is evolving as the standard format of exchanging data among heterogeneous, distributed computer systems and as such is used to represent data of various origins in a common format. Often, this data possesses rich structure and represents relationship among various entities. These relationships form graphs, where the relations are directed from one entity to another (and may have inverses) and where there may be multiple paths to an entity. Thus, an important goal of the encoding of this data is to preserve the exact graph structure in the serialization to **XML**. The article describes a specific way to use **XML** to serialize graphs of data (such as database tables and relations or nodes and edges from directed labeled graphs) in such a way that the graph structure is preserved and can be reconstructed. A graph of data serialized according to the described rules is said to be in canonical form. Other representations of the same data can be mapped into and out of the canonical form as long as they do not lose or add information. Therefore, the canonical form provides a common basis that can be exploited for information integration across multiple sources and it can be used as a common abstraction for data interchange. The paper does not change the fact that every **validatable XML** document conforms to a specific grammar. Rather, it proposes a way to mechanically generate, from a database's or graph's **schema**, a particular grammar that can be used to serialize data from the database or graph, and into which any other serialization of that data can be mapped. The proposal is not appropriate for every usage of **XML**, but it is appropriate for those usages that are encodings of directed labeled graphs. (0 Refs)

Subfile: C

Descriptors: directed graphs; electronic data interchange; hypermedia markup languages; standards

Identifiers: serializing graphs; standard format; data exchange; heterogeneous distributed computer systems; common format; data encoding; exact graph structure; serialization; directed labeled graphs; graph structure; canonical form; information integration; multiple sources; common abstraction; data interchange; **validatable XML** document; grammar

Class Codes: C6130D (Document processing techniques); C6130M (Multimedia); C6140D (High level languages); C6130E (Data interchange); C1160 (Combinatorial mathematics)

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5/5/3 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

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6142219 INSPEC Abstract Number: C1999-02-6130D-021

Title: **Data model for document transformation and assembly**

Author(s): Murata, M.

Author Affiliation: Fuji Xerox Inf. Syst. Co. Ltd., Kanagawa, Japan

Conference Title: Principles of Digital Document Processing. 4th International Workshop, PODDP'98. Proceedings p.140-52

Editor(s): Munson, E.V.; Nicholas, C.; Wood, D.

Publisher: Springer-Verlag, Berlin, Germany

Publication Date: 1998 Country of Publication: Germany 152 pp.

ISBN: 3 540 65086 5 Material Identity Number: XX-1998-02720

Conference Title: Principles of Digital Document Processing. 4th International Workshop, PODDP'98. Proceedings

Conference Date: 29-30 March 1998 Conference Location: Saint Malo, France

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: This paper shows a data model for transforming and assembling document information such as SGML or **XML** documents. The biggest advantage over other data models is that this data model simultaneously provides: powerful patterns and contextual conditions; and **schema** transformation. Patterns and contextual conditions capture conditions on subordinates and those on superiors, siblings, subordinates of siblings, etc., respectively, and have been recognized as highly important mechanisms for identifying document components in the document processing community. Meanwhile, **schema** transformation has been, since the RDB, recognized as crucial in

the database community. However, no data models have provided all three patterns, contextual conditions, and **schema** transformation. This data model is based on the forest-regular language theory. A **schema** is a forest automaton and an instance is a finite set of forests (sequences of trees). (14 Refs)

Subfile: C

Descriptors: automata theory; context-free grammars; data models; document handling; formal languages; trees (mathematics); visual databases
Identifiers: data model; document transformation; document assembly; SGML ; **XML** documents; **schema** transformation; document processing; database; contextual conditions; patterns; forest-regular language theory; forest automaton; trees; **parse** tree set; context free grammar

Class Codes: C6130D (Document processing techniques); C6160S (Spatial and pictorial databases); C6120 (File organisation); C4210L (Formal languages and computational linguistics)

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5/5/4 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00534780 99PK05-207

HTML, XML get hitched

Rapoza, Jim

PC Week , May 17, 1999 , v16 n20 p16, 1 Page(s)

ISSN: 0740-1604

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Focuses on XHTML (Extensible HTML), the subject of a working draft released by the World Wide Web Consortium (W3C) in Toronto, ON. Says that the draft describes the capabilities and attributes of XHTML, which will replace traditional HTML in the future, such as increased extensibility, ease of use (because of its modular structure), and "write-once, run-anywhere" capability. Says that unlike **XML** users who will adopt to HTML easily, users familiar only with HTML will be forced to create well-formed documents and ensure that they **validate** against Document Type Definitions (DTD) explained on the W3C Web site. Also mentions that the first working draft on **XML Schemas** and Web Accessibility Guidelines were also released at the W3C conference in Canada. Provides the addresses of Web sites that offer information on XHTML and converting HTML documents to XHTML . (CR)

Descriptors: HTML; **XML** ; World Wide Web; Conference

5/5/5 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-Eplus

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04653365 JICST ACCESSION NUMBER: 00A0690250 FILE SEGMENT: JICST-E

Z39.50-based Information Retrieval System for Bibliographic data. Dublin

Core as a Common Schema .

TAKAKU MASAO (1); EGUSA YUKA (1); UDA NORIHIKO (1); ISHIZUKA HIDEHIRO (1)
(1) Univ. of Libr. and Inf. Sci.

Dijitaru Toshokan(Digital Libraries), 1999, NO.16, PAGE.97-106, FIG.2,
TBL.2, REF.19

JOURNAL NUMBER: L2245AAW ISSN NO: 1340-7287

UNIVERSAL DECIMAL CLASSIFICATION: 002.5:007

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Conference Proceeding

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

ABSTRACT: This paper describes a Z39.50-based information retrieval system which can search bibliographic data through the Dublin Core Metadata Element Set as a common **schema** . The system consists of a metadata conversion module, a Z39.50 server, and a database module. The metadata

conversion module converts from JAPAN/MARC records to Dublin Core metadata represented by RDF. The Z39.50 server searches through Dublin Core access point. The database module **parses** Dublin Core metadata written in **XML** , and makes index of metadata. (author abst.)
DESCRIPTORS: bibliographic data; information retrieval system; database **schema** ; data structure; formal description; attribute; data
IDENTIFIERS: metadata; JAPAN/MARC
BROADER DESCRIPTORS: information system; computer application system; system; structure; specification description; description; action and behavior; property
CLASSIFICATION CODE(S): AC06030D

5/5/6 (Item 1 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs
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1882880 H.W. WILSON RECORD NUMBER: BAST99044430

Working to bring effective e-commerce standards into the energy industry with BizTalk

Manikundalam, Ravi;

Oil & Gas Journal v. 97 no27 (July 5 1999 supp Windows in energy) p. 27

DOCUMENT TYPE: Feature Article ISSN: 0030-1388 LANGUAGE: English

RECORD STATUS: New record

ABSTRACT: Part of a special supplement that discusses the use of information systems by the petroleum industry. The BizTalk Framework, which builds upon such industry standards as **XML** and **XML - Schema** , is an attempt to bring effective E-commerce standards into the energy industry. The objectives of the framework are to enable higher levels of semantically **validatable** information exchange, to design reuse of information models and process models, and to provide interoperability between **XML** -based solutions.

DESCRIPTORS: Electronic commerce; Electronic data interchange; **Extensible Markup** Language (Computer language);

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?t s11/5/1-15

11/5/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
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7338019 INSPEC Abstract Number: C2002-09-6140D-004

Title: Interpretation of XML -coded data

Author(s): Gordon, C.

Journal: Elektronik vol.51, no.10 p.82-9

Publisher: WEKA-Fachzeitschriften,

Publication Date: 14 May 2002 Country of Publication: Germany

CODEN: EKRKAR ISSN: 0013-5658

SICI: 0013-5658(20020514)51:10L:82:ICD;1-V

Material Identity Number: E071-2002-011

Language: German Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: Discusses parsing of XML (Extensible Markup Language) data, to allow systems to be linked. Examines "plug-and-play" software from Microsoft. Listings of XML programs are presented, and the use of parsing in data analysis is described. Refers to two standard applications programming interfaces (APIs) for XML parsers: Simple API for XML (SAX), and Document Object Model (DOM). Refers to an XML subset for embedded systems, aiming to reduce storage requirements. Also refers to the disadvantage of XML, caused by the size of parsers, and to the advantage of XML for defining unique platform-neutral data sets.

Subfile: C

Descriptors: application program interfaces; embedded systems; grammars; hypermedia markup languages; program compilers

Identifiers: XML data parsing; XML -coded data interpretation;

Microsoft plug-and-play software; data analysis; APIs; Simple API for XML; Document Object Model; embedded systems; storage requirements; platform-neutral data sets

Class Codes: C6140D (High level languages); C6130D (Document processing techniques); C6150E (General utility programs); C6150C (Compilers, interpreters and other processors)

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11/5/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
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7241353 INSPEC Abstract Number: C2002-05-6130D-025

Title: Validation with MSXML and XML schema

Author(s): Nelson, M.

Author Affiliation: Cisco Systems, Dallas, TX, USA

Journal: Windows Developer Magazine vol.13, no.1 p.35-8

Publisher: CMP Media LLC,

Publication Date: Jan. 2002 Country of Publication: USA

CODEN: WDMIA9 ISSN: 1083-9887

SICI: 1083-9887(200201)13:1L:35:VWMS;1-F

Material Identity Number: H754-2002-002

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: XML is a great way to package data, and with the approval of the XML schema standard developers now have a good tool for validating the form and content of their XML data. This article gives an example of how to perform this validation by using Microsoft's MSXML. MSXML 4.0 is an ActiveX control, so it can be used by quite a few different programming languages, ranging from JavaScript to Visual Basic to C++. The author chose to write his validation program as a simple MFC dialog application using Visual C++ 6.0. The difference between a well-formed and a valid file is easy to demonstrate with the XML objects used for the Cisco IP Phone.

Subfile: C

Descriptors: C++ language; hypermedia markup languages; Internet telephony; object-oriented programming; program compilers; program

verification

Identifiers: MSXML; **XML** schema; software tool; **validation** program; object oriented programming; IP phone; **parsers** ; ActiveX; programming languages; JavaScript; Visual Basic; C++ language; MFC dialog

Class Codes: C6130D (Document processing techniques); C6130M (Multimedia) ; C6140D (High level languages); C6110J (Object-oriented programming); C6150G (Diagnostic, testing, debugging and evaluating systems); C6150C (Compilers, interpreters and other processors)

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11/5/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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7234587 INSPEC Abstract Number: C2002-05-6150E-003

Title: Exploring SAX2

Author(s): Leonard, L.

Journal: Windows Developer Magazine vol.13, no.3 p.8-11, 14-21

Publisher: CMP Media LLC,

Publication Date: March 2002 Country of Publication: USA

CODEN: WDMIA9 ISSN: 1083-9887

SICI: 1083-9887(200203)13:3L:8:ES;1-7

Material Identity Number: H754-2002-001

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: **Microsoft** SAX2 (Simple API for **XML** , version 2) can easily handle large **XML** files, but it could be easier to use. Like the document object model (DOM), SAX is a specification that describes how to read data from an **XML** document, but unlike DOM, SAX is event-based, which means it generates events as it **parses** , i.e. it reads a small piece of the document at a time and issues events to your application as it discovers that certain types of items have occurred. (4 Refs)

Subfile: C

Descriptors: application program interfaces; C++ listings; hypermedia markup languages; program compilers; software packages

Identifiers: **Microsoft** SAX2; Simple API for **XML** ; large **XML** files; document object model; DOM; event-based specification; **parser**

Class Codes: C6150E (General utility programs); C6130D (Document processing techniques); C6130M (Multimedia); C6150C (Compilers, interpreters and other processors)

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11/5/4 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

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7179915 INSPEC Abstract Number: C2002-03-6130D-020

Title: An introduction to using XML for the management of laboratory data

Author(s): Russo, M.F.; Rubin, A.E.

Author Affiliation: Pharm. Res. Inst., Bristol-Myers Squibb, Princeton, NJ, USA

Journal: JALA vol.6, no.6 p.89-94

Publisher: JALA,

Publication Date: Dec. 2001 Country of Publication: USA

CODEN: JALLFO

Material Identity Number: H417-2002-001

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); Practical (P)

Abstract: **Extensible Markup** Language (**XML**) and the **XML** Path Language (XPath) are introduced with software examples demonstrating how one can use them to write laboratory data management programs. Topics explored include **XML** document creation, manipulation, and searching. Programming examples make use of the **Microsoft** (R) **XML Parser** library and the Visual Basic programming language. The problem of managing

microplate screening data is used as an illustration. Source code for all examples can be downloaded from <http://www.labprogrammer.net>. (11 Refs)

Subfile: C

Descriptors: automation; grammars; hypermedia markup languages; laboratory techniques; visual programming

Identifiers: **XML** ; **XML** Path Language; laboratory data management programs; **XML** document creation; **XML** document manipulation; **XML** document searching; **Microsoft XML Parser** library; Visual Basic programming language; microplate screening data management

Class Codes: C6130D (Document processing techniques); C6110V (Visual programming); C7330 (Biology and medical computing)

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11/5/5 (Item 5 from file: 2)

DIALOG(R) File 2:INSPEC

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7043748 INSPEC Abstract Number: C2001-11-6130D-001

Title: The Delphi XML SAX2 component and MSXML 3.0

Author(s): Heijl, D.

Journal: Dr. Dobb's Journal vol.26, no.9 p.42-54

Publisher: CMP Media LLC,

Publication Date: Sept. 2001 Country of Publication: USA

CODEN: DDJSDM ISSN: 1044-789X

SICI: 1044-789X(200109)26:9L:42:DSCM;1-A

Material Identity Number: B719-2001-009

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: SAX **parsers** are designed for speedy processing of large **XML** documents, but with minimal memory use because they use a callback function technique. I show how to use the C++ COM interfaces of **Microsoft** 's MSXML 3.0 SAX2 **parser** with Borland Delphi. I also present TSAXParser, a Delphi component that uses these interfaces, but shields one from their complexities without sacrificing speed or functionality. (0 Refs)

Subfile: C

Descriptors: application program interfaces; distributed object management; grammars; hypermedia markup languages; program compilers

Identifiers: Delphi **XML** SAX2 component; SAX **parsers** ; large **XML** document processing; callback function technique; C++ COM interfaces; **Microsoft** MSXML 3.0 SAX2 **parser** ; Borland Delphi; TSAXParser

Class Codes: C6130D (Document processing techniques); C6150C (Compilers, interpreters and other processors); C6150E (General utility programs); C6150N (Distributed systems software); C6110J (Object-oriented programming)

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11/5/6 (Item 6 from file: 2)

DIALOG(R) File 2:INSPEC

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6820893 INSPEC Abstract Number: C2001-03-6150E-001

Title: SAX2: a simple API for XML . XML without overhead in Visual Basic

Author(s): Musayev, E.A.

Journal: Dr. Dobb's Journal vol.26, no.2 p.130, 132-3

Publisher: Miller Freeman,

Publication Date: Feb. 2001 Country of Publication: USA

CODEN: DDJSDM ISSN: 1044-789X

SICI: 1044-789X(200102)26:2L:130:SSWO;1-R

Material Identity Number: B719-2001-002

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Just as Perl became the duct tape for the Web, **XML** is becoming the duct tape for e-business. As a universal data format, **XML** glues together disparate e-business systems that, in the process of conducting everyday business, need to perform hundreds of transactions per

second without outages or crashes. Such systems need **XML** processors that provide high performance with a small footprint. That's what SAX offers. The article describes SAX, then shows how you can use it in Visual Basic applications via the **Microsoft XML (MSXML) parser**. (0 Refs)

Subfile: C

Descriptors: application program interfaces; BASIC; BASIC listings; hypermedia markup languages; visual languages

Identifiers: SAX2; simple API for **XML**; Visual Basic; universal data format; disparate e-business systems; everyday business; **XML** processors; Visual Basic applications; **Microsoft XML parser**; **MSXML parser**

Class Codes: C6150E (General utility programs); C6130M (Multimedia); C6130D (Document processing techniques); C6140D (High level languages); C6110V (Visual programming)

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11/5/7 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

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6442028 INSPEC Abstract Number: C2000-01-7210N-075

Title: Intelligent Web representatives

Author(s): Sapp, D.; Shang, Y.

Author Affiliation: Dept. of Comput. Sci., Missouri Univ., Columbia, MO, USA

Conference Title: Proceedings 11th International Conference on Tools with Artificial Intelligence p.85-8

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 1999 Country of Publication: USA xvii+446 pp.

ISBN: 0 7695 0456 6 Material Identity Number: XX-1999-03348

U.S. Copyright Clearance Center Code: 0 7695 0456 6/99/\$10.00

Conference Title: Proceedings 11th International Conference on Tools with Artificial Intelligence. TAI 99

Conference Sponsor: IEEE Comput. Soc.; AAAI Soc.; Virtual Intelligence Task Force; BU-CIS Center

Conference Date: 9-11 Nov. 1999 Conference Location: Chicago, IL, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: We present the design and implementation of an intelligent Web representative based on prevalent Internet and Web technologies. The design includes three parts: natural language **parser**, knowledge representation, and communication between the user and the computer. With an efficient pseudo-natural language processing, a database of knowledge stored in **XML**, and the user communication through **Microsoft** Agent, the intelligent agent can answer questions effectively. (11 Refs)

Subfile: C

Descriptors: hypermedia markup languages; information resources; Internet; knowledge representation; natural language interfaces; software agents

Identifiers: intelligent Web representatives; system design; system implementation; Internet; World Wide Web; natural language **parser**; knowledge representation; user interface; **XML**; user communication; **Microsoft** Agent; intelligent agent

Class Codes: C7210N (Information networks); C6170 (Expert systems and other AI software and techniques); C6150N (Distributed systems software); C6180N (Natural language processing)

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11/5/8 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00546902 99IW09-012

Microsoft preps development environment for Windows 2000

Gardner, Dana

InfoWorld, September 6, 1999, v21 n36 p6, 1 Page(s)

ISSN: 0199-6649

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Discusses a cross-platform interoperability strategy from **Microsoft** Corp. of Redmond, WA. Says that it relies on widespread adoption of **Extensible Markup Language (XML)** by vendors and developers and on the distribution of **XML parsers** to many products. Mentions the use of Windows 2000, COM+, BizTalk Framework and Server, and Visual Studio 6.0a to deploy distributed Web applications. Notes that the new DNA 2000 architecture rolls the **Microsoft** Transaction Server into COM+ services and includes load-balancing, resource-pooling, and clustering. States that interoperability between DNA and non-DNA will come from **XML**. Adds that other vendors will continue to offer COM-to-CORBA bridging. Includes one sidebar. (amg)

Descriptors: Cross-Platform Computing; **XML** ; Corporate Strategy; Interoperability

11/5/9 (Item 2 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00546098 99WQ09-006

XML and the enterprise: a conversation with DataChannel's Norbert Mikula

Floyd, Michael

Web Techniques , September 1, 1999 , v4 n9 p44-48, 3 Page(s)

ISSN: 1086-556X

Company Name: DataChannel

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

BEYOND HTML column presents an interview with Norbert Mikula, chief technology officer at DataChannel. Says that he has had a role in the development of **Extensible Markup Language (XML)** technologies at DataChannel. Describes his background in the **XML** community. Mentions that he developed an **XML parser** that had the **validation** module using a **parser** generator. Discusses his ongoing roles and responsibilities at DataChannel. Describes the nature and characteristics of the codevelopment alliance between **Microsoft** and DataChannel. Discusses their conformity to W3C specifications. Describes the technology called XPages developed by the company. Explains the creation of a Hypertext Transfer Protocol (HTTP) object broker. Explains how XPages fits in with the enterprise information portal RIO. Mentions how **XML** is being used inside RIO 4.0. (MEM)

Descriptors: **XML** ; People; Interview; **Parser** ; Corporate Alliances ; Hypertext; Web Sites

Identifiers: DataChannel

11/5/10 (Item 3 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00537661 99PK06-004

XMetal tests XML mettle -- Editor breaks new ground in easing document creation

Bethoney, Herb

PC Week , June 7, 1999 , v16 n23 p3, 1 Page(s)

ISSN: 0740-1604

Company Name: SoftQuad Software

URL: <http://www.softquad.com>

Product Name: XMetal 1.0

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): C

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Internet Explorer 5.0

Geographic Location: United States

Presents a mixed review of XMetal 1.0 (\$495), a standalone **Extensible Markup Language (XML)** editor from SoftQuad Software Inc. of Toronto, Ontario, Canada (800). Runs on **Microsoft Windows** and requires **Microsoft's Internet Explorer 5.0** browser. Says that it has an easy-to-use data import wizard and an interface that works like a word processor. Adds that it offers robust document **validation** functions. Reports that XMetal is easy to install and learn. Notes, however, that it does not have visual document creation tools. Says that those who already know the basics of **XML** will benefit most from the shortcuts in XMetal. Received a rating of B for usability, capability, and interoperability, and C for performance and manageability. Includes one screen display and product summary. (XG8)

Descriptors: Editor; **XML**; Programming Aids

Identifiers: XMetal 1.0; SoftQuad Software

11/5/11 (Item 4 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00531635 99WI04-008

Using **XML** to build Internet solutions -- Get a jump on the future of data transfer

Spencer, Ken

Windows NT, April 1, 1999, n44 p123-126, 4 Page(s)

ISSN: 1083-138X

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Reports on the development of **XML (Extensible Markup Language)** which presents "new options for defining and transporting information." Describes **XML** as a subset of Standard Generalized Markup Language (SGML) and therefore not a new language but rather a language specification. Features include simple techniques for separating format information and data and tags similar to HTML yet can be customized and can handle multiple records. States that while there is not wide browser support for **XML** at present, it can be successfully used in the background of your applications. Says that as you plan for future applications, it would be prudent to incorporate **XML** as the market is bound to catch-up because of its versatility. Indicates that **Microsoft**, **Netscape**, and **Adobe Sy** are investigating the potential of **XML**. Notes applications must have a **parser** which is a software engine that can read and extra Contains one flowchart. (sps)

Descriptors: **XML**; World Wide Web; Internet; Application Development

11/5/12 (Item 5 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00528679 99IE03-221

Sun, Adobe offer cash for creativity, via **XML** development competitions

Luh, James C; Caulfield, Brian

Internet World, March 15, 1999, v5 n10 p45, 1 Page(s)

ISSN: 1081-3071

Company Name: Sun Microsystems; Adobe Systems; IBM Corp.; Arbortext

URL: <http://www.sun.com> <http://www.adobe.com> <http://www.alphaWorks.ibm.com/tech/xeena> <http://www.alphaWorks.ibm.com/tech/xml4j>

Product Name: Xeena; **XML Parser** for Java

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Reports on the proceedings of the Xtech '99 conference in San Jose, CA. Says that Sun Microsystems has launched a \$30,000 contest to build **Extensible Style Language (XSL)** "formatting capability into Netscape's Mozilla open-source Web browser." Explains that XSL is a standard for processing **Extensible Markup Language (XML)** document structures.

Notes that Sun and Adobe Systems have launched a \$60,000 contest to create a batch formatter in Java that produces Portable Document Format (PDF) docs from **XML** docs. Adds that the winners would exhibit their final work at the **XML** '99 conference at the end of the year. Says that the contest would enhance Mozilla's ability to compete with **Microsoft** Internet Explorer 5.0. Mentions other developments, including Sun's creation of standard extensions to Java for **XML**, IBM's release of Java-based **XML** editor called Xeena and **XML Parser** for Java upgrade, and Arbortext's Epic **XML** upgrade. Includes one sidebar. (MEM)

Descriptors: **XML**; Standards; Contests; Web Browsers; Java; Conference; Product Development

Identifiers: Xeena; **XML Parser** for Java; Sun Microsystems; Adobe Systems; IBM Corp.; Arbortext

11/5/13 (Item 6 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00528596 99EM03-005

Visualizing XML

Boeri, Robert J; Hensel, Martin

EMedia Professional, March 1, 1999, v12 n3 p52, 1 Page(s)

ISSN: 1090-946X

Company Name: **Microsoft**; **Microsoft**; Inso

Product Name: **Microsoft** Internet Explorer 5; **Microsoft** Windows 98;

Dyna Text Professional Publishing System

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Examines **Extensible Markup Language (XML)** as a Web publishing tool and the new standard for Extensible Style Language (XSL) by which it is presented or viewed. Covers the free Web browsers and competing proprietary viewers that will be available to view **XML** documents. Reports that **Microsoft** will add support for **XML** in Internet Explorer 5 and Windows 98, including XSL. Says that Netscape has promised a **parser** which will support **XML**. Indicates that among the proprietary viewers, Inso's Dyna Text Professional Publishing System offers an SGML/**XML** viewer that allows users to view, annotate, and search SGML/**XML** content down to the tag level. Concludes that there are many **XML** alternatives from which to choose, assuring users that they will find one that best suits their publishing needs. (cb)

Descriptors: **XML**; Web Publishing; Web Browsers; Web Tools

Identifiers: **Microsoft** Internet Explorer 5; **Microsoft** Windows 98;

Dyna Text Professional Publishing System; **Microsoft**; **Microsoft**; Inso

11/5/14 (Item 7 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00501514 98PK07-111

XML Pro takes Web pages beyond HTML -- Vervet's Windows-only authoring package is a solid first effort

Bethoney, Herb

PC WEEK, July 13, 1998, v15 n28 p23, 35, 2 Page(s)

ISSN: 0740-1604

Company Name: Vervet Logic

URL: <http://www.vervet.com>

Product Name: **XML Pro 1.0**

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows

Geographic Location: United States

Provides a favorable review of **XML Pro 1.0** (\$149.95), Web page

authoring software from Vervet Logic Inc. of Bloomington, IN (812). Requires an IBM PC compatible with **Microsoft** Windows. Reports that this product is one of the first **XML** document editors on the market. States that it delivers ease of use and a well-designed graphical interface. Says that it is easy to use, includes templates for quick document creation, and supports DTD **validation** . Notes that it lacks a certain polish with no drag and drop capabilities and points out that many older Browsers are not **XML** -ready, so documents may not be readable by some. Adds that it is a solid first venture. Includes one screen display, and ratings in five categories. (bjp)

Descriptors: Web Page Authoring; Editor; Software
Identifiers: **XML** Pro 1.0; Vervet Logic

11/5/15 (Item 1 from file: 111)
DIALOG(R)File 111:TGG Natl.Newspaper Index(SM)
(c) 2003 The Gale Group. All rts. reserv.

05656683 Supplier Number: 53436712

DataChannel Announces the Immediate Availability of eXtensible Markup Language XML and eXtensible Stylesheet Language XSL Implementations, Delivering the Most Advanced XML Framework in a Java-based Parser .
Business Wire, 0109

Dec 21, 1998

LANGUAGE: English RECORD TYPE: Citation

COMPANY NAMES: DataChannel Inc.; **Microsoft** Corp.
DESCRIPTORS: Computer software industry
GEOGRAPHIC CODES/NAMES: 1USA United States
PRODUCT NAMES: 7372000 (Computer Software); 7372680 (Internet Software)
SIC CODES: 7372 Prepackaged software
TICKER SYMBOLS: MSFT
FILE SEGMENT: NW File 649

?

?t s19/3,k/1-52

19/3,K/1 (Item 1 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

05597879 E.I. No: EIP00075230818

Title: Comparison of schemas for video metadata representation
Author: Hunter, Jane; Armstrong, Liz
Corporate Source: CITEC, Brisbane, Aust
Conference Title: The WWW8: 8th International World Wide Web Conference
Conference Location: Toronto, Ont., Can Conference Date:
19990511-19990514
E.I. Conference No.: 56977
Source: Computer Networks v 31 n 11 1999. p 1431-1451
Publication Year: 1999
CODEN: 003195 ISSN: 1389-1286
Language: English

...Abstract: Language (XML), Document-type Definitions (DTDs), Document Content Description (DCD), and Schema for Object-Oriented **XML** (SOX), for supporting and **validating** hierarchical video descriptions based on Dublin Core, MPEG-7 and a specific hierarchical structure. Finally...

19/3,K/2 (Item 2 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

05300113 E.I. No: EIP99064701254

Title: Using XML in relational database applications
Author: Malaika, Susan
Corporate Source: IBM Santa Teresa Lab
Conference Title: Proceedings of the 1999 15th International Conference on Data Engineering, ICDE-99
Conference Location: Sydney, NSW, AUS Conference Date:
19990323-19990326
E.I. Conference No.: 55096
Source: Proceedings - International Conference on Data Engineering 1999.
p 167
Publication Year: 1999
CODEN: PIDEEG
Language: English

...Abstract: relational database XML features and their use in database applications. Focus is on the creation, **validation**, transformation, storage and retrieval of **XML** documents, the inclusion of existing and new relational data in XML documents, and the impact...

19/3,K/3 (Item 1 from file: 202)
DIALOG(R)File 202:Info. Sci. & Tech. Abs.
(c) Information Today, Inc. All rts. reserv.

3402834

REX: XML shallow parsing with regular expressions.
Author(s): Cameron, Robert D
Markup Languages: Theory & Practice vol. 1, no. 3, pages 61-88
Publication Date: June 1999
ISSN: 1099-6621
Language: English
Document Type: Journal Article
Journal Announcement: 3408

...syntax of the eXtensible Markup Language (XML) is simple enough that it is possible to **parse** an **XML** document into a list of its markup and text items using a single regular expression. Such a ``shallow **parse** '' of

an **XML** document can be very useful for the construction of a variety of lightweight XML processing...

19/3,K/4 (Item 2 from file: 202)
DIALOG(R)File 202:Info. Sci. & Tech. Abs.
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3306409

Representing information in patient reports using natural language processing and the extensible markup language.

Author(s): Friedman, Carol; Hripcsak, George; Shagina, Lyuda; Liu, Hongfang
Journal of the American Medical Informatics Association vol. 6, no. 1
, pages 76-87
Publication Date: January 1999
ISSN: 1067-5027
Language: English
Document Type: Journal Article
Journal Announcement: 3312

...generate output consistent with the model. Processes 200 reports using the modified NLP system, and **validates** the **XML** output using an **XML validating parser**. Concludes that natural language processing can be used to automatically create an enriched document that...

19/3,K/5 (Item 1 from file: 65)
DIALOG(R)File 65:Inside Conferences
(c) 2003 BLDSC all rts. reserv. All rts. reserv.

03051509 INSIDE CONFERENCE ITEM ID: CN032344229

Validation of an XML -Based Process to Automatically Web-Enable Clinical Practice Guidelines: Experience with the Smoking Cessation Guideline

Lukoff, J. Y.; Dolin, R. H.; McKinley, C. S.; Fuller, L. M.
CONFERENCE: American Medical Informatics Association-Annual symposium
AMIA ANNUAL SYMPOSIUM, 1999 P: 311-314
Hanley & Belfus, Inc, 1999
ISSN: 1091-8280 ISBN: 1560533714
LANGUAGE: English DOCUMENT TYPE: Conference Papers
CONFERENCE EDITOR(S): Lorenzi, N. M.
CONFERENCE SPONSOR: American Medical Informatics Association
CONFERENCE LOCATION: Washington, DC
CONFERENCE DATE: Nov 1999 (199911) (199911)

NOTE:

Theme title: Transforming health care through informatics:
cornerstones for a new information management paradigm

Validation of an XML -Based Process to Automatically Web-Enable Clinical Practice Guidelines: Experience with the Smoking Cessation Guideline

19/3,K/6 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6488998 INSPEC Abstract Number: C2000-03-7120-033

Title: EXPERTS (EDI/XML Procurement Enabling Real Trade Standards)

Author(s): Habichler, J.
Author Affiliation: ODE, Linz, Austria
Conference Title: XML Europe '99 Conference Proceedings p.689-96
Publisher: Graphic Commun. Assoc, Alexandria, VA, USA
Publication Date: 1999 Country of Publication: USA ix+759 pp.
Material Identity Number: XX-1999-00768
Conference Title: Proceedings of XML EUROPE '99
Conference Sponsor: OASIS; W3C World Wide Web Consortium

Conference Date: 26-30 April 1999 Conference Location: Granada, Spain
Language: English
Subfile: C
Copyright 2000, IEE

...Abstract: European standardisation authorities/initiatives (UN-CEFACT, SIMAC, SIMAP, CEN/ISSS) to jointly demonstrate and evaluate **XML** /EDI standards; (3) deploy and **validate XML** /EDI services with a critical mass of small and medium-sized enterprises (SMEs); (4) demonstrate...

19/3,K/7 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6488936 INSPEC Abstract Number: C2000-03-6130D-011

Title: Serializing graphs of data in XML
Author(s): Bosworth, A.; Layman, A.; Rys, M.
Author Affiliation: Microsoft Corp., Redmond, WA, USA
Conference Title: XML Europe '99 Conference Proceedings p.27-38
Publisher: Graphic Commun. Assoc, Alexandria, VA, USA
Publication Date: 1999 Country of Publication: USA ix+759 pp.
Material Identity Number: XX-1999-00768
Conference Title: Proceedings of XML EUROPE '99
Conference Sponsor: OASIS; W3C World Wide Web Consortium
Conference Date: 26-30 April 1999 Conference Location: Granada, Spain
Language: English
Subfile: C
Copyright 2000, IEE

...Abstract: a common abstraction for data interchange. The paper does not change the fact that every **validatable XML** document conforms to a specific grammar. Rather, it proposes a way to mechanically generate, from

...
...Identifiers: **validatable XML** document

19/3,K/8 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6455605 INSPEC Abstract Number: C2000-02-6110V-007

Title: Making the case for XML
Author(s): Sendowski, N.
Journal: Visual Basic Programmer's Journal vol.9, no.11 p.36-8,
43-5, 48
Publisher: Fawcette Technical Publications,
Publication Date: Fall 1999 Country of Publication: USA
CODEN: VBPF7 ISSN: 1075-1955
SICI: 1075-1955(199923)9:11L.36:MC;1-B
Material Identity Number: G444-1999-015
Language: English
Subfile: C
Copyright 2000, IEE

...Abstract: to-use object model for accessing structured data programmatically. An application can easily traverse an **XML** document using the provided **parser** and object model and have sequential or random access to any well-formed structured information...

19/3,K/9 (Item 4 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6455600 INSPEC Abstract Number: C2000-02-6110V-006

Title: Roll your own XML generator

Author(s): Rofail, A.; Shohoud, Y.
Journal: Visual Basic Programmer's Journal vol.9, no.7 p.30-1,
33-4, 36, 38, 40, 44-6, 49-50
Publisher: Fawcette Technical Publications,
Publication Date: June 1999 Country of Publication: USA
CODEN: VBPJF7 ISSN: 1075-1955
SICI: 1075-1955(199906)9:7L.30:RYG;1-P
Material Identity Number: G444-1999-013
Language: English
Subfile: C
Copyright 2000, IEE

...Abstract: it. So, we explain how to create the XML Project, which contains apps that generate, **parse**, and display **XML** data. Then we show you how to use it.

19/3,K/10 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6447810 INSPEC Abstract Number: A2000-03-9590-004, C2000-02-7210N-020

Title: Formatting journal tables in XML at the ADC

Author(s): Shaya, E.; Blackwell, J.; Gass, J.; Kargatis, V.; Schneider, G.; Borne, K.; Cheung, C.; White, R.

Author Affiliation: Raytheon ITSS, Lanham, MD, USA

Journal: Astronomical Society of the Pacific Conference Series

Conference Title: Astron. Soc. Pac. Conf. Ser. (USA) vol.172 p.274-7

Publisher: Astron. Soc. Pacific,

Publication Date: 1999 Country of Publication: USA

ISSN: 1050-3390

SICI: 1050-3390(1999)172L.274:FJT;1-1

Material Identity Number: M537-1999-027

Conference Title: Astronomical Data Analysis Software and Systems VIII

Conference Date: 1-4 Nov. 1998 Conference Location: Urbana, IL, USA

Language: English

Subfile: A C

Copyright 1999, FIZ Karlsruhe

...Abstract: clear data description language that is both machine- and human-readable. Documents marked up with **XML** can be easily **parsed** for efficient and focused searching. **XML** 's expanded hyperlinking power can be used to enhance connectivity among archive documents. It is...

19/3,K/11 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6425696 INSPEC Abstract Number: C2000-01-6140D-019

Title: REX: XML shallow parsing with regular expressions

Author(s): Cameron, R.D.

Author Affiliation: Sch. of Comput. Sci., Simon Fraser Univ., Burnaby, BC, Canada

Journal: Markup Languages: Theory & Practice vol.1, no.3 p.61-88

Publisher: MIT Press,

Publication Date: Summer 1999 Country of Publication: USA

CODEN: MLTPFG ISSN: 1099-6621

SICI: 1099-6621(199922)1:3L.61:SPWR;1-8

Material Identity Number: H248-1999-003

U.S. Copyright Clearance Center Code: 1099-6621/99/\$8.00

Language: English

Subfile: C

Copyright 1999, IEE

Abstract: The syntax of XML is simple enough that it is possible to **parse** an **XML** document into a list of its markup and text items using a

single regular expression. Such a shallow **parse** of an **XML** document can be very useful for the construction of a variety of lightweight XML processing...

...expressions that can be used as a basis for simple, correct, efficient, robust and language-independent **XML** shallow parsing. Complete shallow **parser** implementations of less than 50 lines each in Perl, JavaScript and Lex/Flex are also...

19/3,K/12 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

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6423095 INSPEC Abstract Number: C2000-01-6150N-076

Title: XML in a multi-tier Java/CORBA architecture

Author(s): Moshfeghi, M.; de Greef, B.

Author Affiliation: Philips Res., Mountain View, CA, USA

Conference Title: Proceedings. IEEE 8th International Workshops on Enabling Technologies: Infrastructure for Collaborative Enterprises (WET ICE'99) p.343-9

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 1999 Country of Publication: USA xvi+352 pp.

ISBN: 0 7695 0365 9 Material Identity Number: XX-1999-03013

U.S. Copyright Clearance Center Code: 0 7695 0365 9/99/\$10.00

Conference Title: Proceedings. IEEE 8th International Workshops on Enabling Technologies: Infrastructure for Collaborative Enterprises (WET ICE'99)

Conference Sponsor: IEEE Comput. Soc.; Concurrent Eng. Res. Center; West Virginia Univ.; Linkoping Univ., Sweden

Conference Date: 16-18 June 1999 Conference Location: Stanford, CA, USA

Language: English

Subfile: C

Copyright 1999, IEE

...Abstract: examples deal with the display of well-formed XML content, but do not touch on **XML validity**. The third example shows how **XML** representations of usage sessions can be validated against a DTD that specifies allowed usage patterns.

19/3,K/13 (Item 8 from file: 2)

DIALOG(R)File 2:INSPEC

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6378970 INSPEC Abstract Number: C1999-11-6140D-032

Title: A simple XML parser

Author(s): Andrivet, S.

Journal: C/C++ Users Journal vol.17, no.7 p.22, 24, 26-8, 30, 32

Publisher: Miller Freeman,

Publication Date: July 1999 Country of Publication: USA

CODEN: CCUJEX ISSN: 1075-2838

SICI: 1075-2838(199907)17:7L:22:SP;1-W

Material Identity Number: H359-1999-002

Language: English

Subfile: C

Copyright 1999, IEE

Title: A simple XML parser

...Abstract: that needs to store data or communicate with other applications. The article presents a simple **XML parser** that implements a subset of the XML specification. The goal is not to have the best or the most complete **XML parser**, but simply to have one, as small and as easy-to-use as possible.

Identifiers: simple **XML parser** ;

19/3,K/14 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

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6294191 INSPEC Abstract Number: B1999-08-6200-003, C1999-08-7410F-037

Title: Software agents using XML for telecom service modelling: a practical experience

Author(s): Vermeulen, C.; Bauwens, B.

Author Affiliation: Corp. Res. Center, Alcatel Telecom, Antwerp, Belgium

Conference Title: Proceedings of SGML/XML Europe '98. From Theory to New Practices p.253-62

Publisher: Graphic Communications Association, Alexandria, VA, USA

Publication Date: 1998 Country of Publication: USA ix+651 pp.

Material Identity Number: XX-1998-01752

Conference Title: Proceedings of SGML/XML Europe '98. From Theory to New Practices

Conference Date: 17-21 May 1998 Conference Location: Paris, France

Language: English

Subfile: B C

Copyright 1999, IEE

...Abstract: agent languages, and stress the value of XML as a content language for agents. We **validate** the use of **XML** as content language in our platform, codenamed MAPSO (Multi-Agent Platform for On-line Services...

19/3,K/15 (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

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6175777 INSPEC Abstract Number: C1999-04-6140D-014

Title: XML support for Tcl

Author(s): Ball, S.

Conference Title: Proceedings of the Sixth Annual Tcl/Tk Conference p. 109-19

Publisher: USENIX Assoc, Berkeley, CA, USA

Publication Date: 1998 Country of Publication: USA 206 pp.

ISBN: 1 880446 98 7 Material Identity Number: XX-1998-02986

Conference Title: Proceedings of 6th USENIX Annual TLC/TK

Conference Date: 18-24 Sept. 1998 Conference Location: San Diego, CA, USA

Language: English

Subfile: C

Copyright 1999, IEE

...Abstract: document. TclXML is a Tcl package which provides a sample implementation of TclDOM. It provides **XML parsers** along with the tools needed to create a hierarchical representation of documents which can be...

...Identifiers: **XML parsers** ;

19/3,K/16 (Item 11 from file: 2)

DIALOG(R)File 2:INSPEC

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6170834 INSPEC Abstract Number: C1999-04-6130D-003

Title: An XML document to JavaScript object converter

Author(s): Hildyard, A.

Journal: WEB Techniques vol.4, no.1 p.63-9

Publisher: Miller Freeman,

Publication Date: Jan. 1999 Country of Publication: USA

CODEN: WETEFA ISSN: 1086-556X

SICI: 1086-556X(199901)4:1L.63:DJOC;1-R

Material Identity Number: F184-1998-012

Language: English

Subfile: C

Copyright 1999, IEE

...Abstract: level of the DOM, Web based consumers are freed from both the need for an **XML parser** and also from the need to have direct access to original XML data sources. Applets...

19/3,K/17 (Item 12 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6051317 INSPEC Abstract Number: C9811-6130D-018

Title: Description and programming for XML processors

Author(s): Tamura, K.

Author Affiliation: Res. Lab., IBM Japan Ltd., Tokyo, Japan

Journal: Journal of Japanese Society for Artificial Intelligence

vol.13, no.4 p.515-18

Publisher: Japanese Soc. Artificial Intelligence,

Publication Date: July 1998 Country of Publication: Japan

CODEN: JCGAED ISSN: 0912-8085

SICI: 0912-8085(199807)13:4L.515:DPP;1-A

Material Identity Number: K566-98004

Language: Japanese

Subfile: C

Copyright 1998, IEE

Abstract: The following topics are discussed: **XML** (eXtensible Markup Language) **validating** processor; Internet; DOM (Document Object Model); SAX (Simple API for XML); and Java.

...Identifiers: **XML validating** processor

19/3,K/18 (Item 13 from file: 2)
DIALOG(R)File 2:INSPEC
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6013141 INSPEC Abstract Number: C9810-6130M-043

Title: Parsing XML in IE4 with JScript

Author(s): Floyd, M.

Journal: WEB Techniques vol.3, no.8 p.36, 38-40

Publisher: Miller Freeman,

Publication Date: Aug. 1998 Country of Publication: USA

CODEN: WETEFA ISSN: 1086-556X

SICI: 1086-556X(199808)3:8L.36:PWJ;1-L

Material Identity Number: F184-98007

Language: English

Subfile: C

Copyright 1998, IEE

...Abstract: working applications, XML is already implemented as part of IE4. The author shows how to **parse** a valid **XML** document to display its structure. He looks at the API for the MSXML parser, and in the process show how you can pass an **XML** document to the **parser** and get back the document's structure.

19/3,K/19 (Item 14 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

5750596 INSPEC Abstract Number: C9712-6110J-052

Title: XML documents can fit OO apps [object oriented applications]

Author(s): Carlson, D.

Author Affiliation: Ontogenics Corp., Boulder, CO, USA

Journal: Object Magazine vol.7, no.9 p.24-6

Publisher: SIGS Publications,

Publication Date: Nov. 1997 Country of Publication: USA

ISSN: 1055-3614

SICI: 1055-3614(199711)7:9L.24:DAOO;1-F

Material Identity Number: 0975-97012
Language: English
Subfile: C
Copyright 1997, IEE

...Abstract: see great potential for integrating XML documents with OO application programs. First, the structure of **XML** documents can be very easily **parsed** into objects that can be programmatically manipulated. Second, XML document objects can be commingled with...

19/3,K/20 (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00556038 99NC12-309

The ties that bind: Web-to-RDBMS connectivity
Hoffman, Richard
Network Computing , December 27, 1999 , v10 n26 p61, 1 Page(s)
ISSN: 1046-4468
Company Name: Apple Computer; Bluestone Software
Product Name: WebObjects; Sapphire/Web

... Web-to-RDBMS products, such as support for distributed component technology and the ability to **parse** and compose **Extensible Markup Language (XML)** data. (MEM)

19/3,K/21 (Item 2 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00546902 99IW09-012

Microsoft preps development environment for Windows 2000
Gardner, Dana
InfoWorld , September 6, 1999 , v21 n36 p6, 1 Page(s)
ISSN: 0199-6649

... adoption of Extensible Markup Language (XML) by vendors and developers and on the distribution of **XML parsers** to many products. Mentions the use of Windows 2000, COM+, BizTalk Framework and Server, and ...

19/3,K/22 (Item 3 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00546899 99IW09-009

Able XML Pro still rough around the edges
Shankar, Gess
InfoWorld , September 6, 1999 , v21 n36 p41-42, 2 Page(s)
ISSN: 0199-6649
Company Name: Vervet Logic
URL: <http://www.vervet.com>
Product Name: XML Pro Version 2.0

... editor from Vervet Logic Llc of Bloomington, IN. Provides a low-cost tool for creating **validated XML** documents. Cautions that several GUI-related bugs, online help system problems, and operational quirks were ...

19/3,K/23 (Item 4 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00546895 99IW09-005

Smooth sailing toward DB2 update -- Proper planning and execution will bring you safe passage to version 6.1

Biggs, Maggie

InfoWorld , September 6, 1999 , v21 n36 p47-48, 2 Page(s)

ISSN: 0199-6649

Company Name: IBM Corp.

URL: <http://www.ibm.com>

Product Name: IBM DB2 Enterprise Edition 6.1

... release includes support for Web projects with visual tools to build Java-stored procedures, an **Extensible Markup Language (XML) parser**, and new search facilities. Rated five on a scale of one to five. Includes two...

19/3,K/24 (Item 5 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00546246 99MR09-006

The XML Companion

Piez, Wendell

Markup Languages: Theory & Practice , September 1, 1999 , v1 n3 p114, 1 Page(s)

ISSN: 1099-6621

Company Name: Addison-Wesley Longman

Product Name: XML Companion, The

Descriptors: **XML** ; Text; Documentation; **Parser** ; Reference; Languages

19/3,K/25 (Item 6 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2003 Info. Today Inc. All rts. reserv.

00546245 99MR09-005

XML tools and architecture for Named Entity recognition

Mikheev, Andrei; Grover, Claire; Moens, Marc

Markup Languages: Theory & Practice , September 1, 1999 , v1 n3 p89-113 , 25 Page(s)

ISSN: 1099-6621

Descriptors: **XML** ; SGML; Pattern Recognition; **Parser** ; Programming Language; Text; Languages

19/3,K/26 (Item 7 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00546098 99WQ09-006

XML and the enterprise: a conversation with DataChannel's Norbert Mikula

Floyd, Michael

Web Techniques , September 1, 1999 , v4 n9 p44-48, 3 Page(s)

ISSN: 1086-556X

Company Name: DataChannel

... technologies at DataChannel. Describes his background in the XML community. Mentions that he developed an **XML parser** that had the **validation** module using a parser generator. Discusses his ongoing roles and responsibilities at DataChannel. Describes the...

Descriptors: **XML** ; People; Interview; **Parser** ; Corporate Alliances ; Hypertext; Web Sites

19/3,K/27 (Item 8 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 Info. Today Inc. All rts. reserv.

00543612 99IW08-206
XMetaL speeds content creation
Shankar, Gess
InfoWorld , August 16, 1999 , v21 n33 p51, 1 Page(s)
ISSN: 0199-6649
Company Name: SoftQuad Software
URL: <http://www.softquad.com>
Product Name: XMetaL 1.0

... and Windows NT 4.0. Explains that it creates digital content in the form of **validated XML** documents. Cites features such as extensive customization, tag and text views, and word processing-style...

19/3,K/28 (Item 9 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00537049 99WQ06-004
SQL-based XML structured data access
David, Michael M
Web Techniques , June 1, 1999 , v4 n6 p67-72, 4 Page(s)
ISSN: 1086-556X

Discusses relational databases. Notes the similarities of SQL and **XML** . Explains how **parsers** and programs can be written to move data back and forth between data stores and...

19/3,K/29 (Item 10 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 Info. Today Inc. All rts. reserv.

00537048 99WQ06-003
Anatomy of an XML server
Bickel, Bob
Web Techniques , June 1, 1999 , v4 n6 p59-64, 5 Page(s)
ISSN: 1086-556X

... DOM, as well as XSL and XML Query Language. Comments that Bluestone bundles the IBM **Parser** for Java, Lotus XSL. Concludes **XML** servers will provide an important building block for the next generation of Web applications. Includes...

19/3,K/30 (Item 11 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 Info. Today Inc. All rts. reserv.

00534439 99IW05-302
DB2 hits its stride -- IBM gains ground on favorite Oracle
Biggs, Maggie
InfoWorld , May 24, 1999 , v21 n21 p1, 34, 2 Page(s)
ISSN: 0199-6649
Company Name: IBM Corp.
URL: <http://www.ibm.com>
Product Name: IBM DB2 Enterprise Edition 6.1

... expanded support for Java and Extensible Markup Language (XML), ease of administration, multi-platform reach, **XML parser** and search facility, LDAP integration for client configuration, and Java stored procedure builder. Reports, however...

19/3,K/31 (Item 12 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 Info. Today Inc. All rts. reserv.

00534419 99NC05-205

Allaire ColdFusion 4.0 Enterprise Edition
Hoffman, Richard
Network Computing , May 31, 1999 , v10 n11 p75-78, 2 Page(s)
ISSN: 1046-4468
Company Name: Allaire
URL: <http://www.allaire.com>
Product Name: ColdFusion 4.0 Enterprise Edition

... Sybase, and OLE, and via ODBC support for other databases. Indicates that it can generate **XML** documents, even if it cannot **parse XML** data. States that two of its strengths are its developer community and its extensible architecture...

19/3,K/32 (Item 13 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 Info. Today Inc. All rts. reserv.

00534361 99EM05-009

XML authoring tools: small, medium, or large?
Boeri, Robert J; Hensel, Martin
EMedia Professional , May 1, 1999 , v12 n5 p65, 1 Page(s)
ISSN: 1090-946X
Company Name: Corel Systems
Product Name: WordPerfect

... medium tools give more control and an old favorite, WordPerfect (version 9), lets users create, **validate** , and save SGML and **XML** documents in the familiar WYSIWYG environment; large tools support the entire document life-cycle, from...

19/3,K/33 (Item 14 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 Info. Today Inc. All rts. reserv.

00531635 99WI04-008

Using XML to build Internet solutions -- Get a jump on the future of data transfer
Spencer, Ken
Windows NT , April 1, 1999 , n44 p123-126, 4 Page(s)
ISSN: 1083-138X

... of its versatility. Indicates that Microsoft, Netscape, and Adobe Sy are investigating the potential of **XML** . Notes applications must hav a **parser** which is a software engine that can read and extra Contains one flowchart. (sps)

19/3,K/34 (Item 15 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 Info. Today Inc. All rts. reserv.

00528679 99IE03-221

Sun, Adobe offer cash for creativity, via XML development competitions
Luh, James C; Caulfield, Brian
Internet World , March 15, 1999 , v5 n10 p45, 1 Page(s)
ISSN: 1081-3071
Company Name: Sun Microsystems; Adobe Systems; IBM Corp.; Arbortext
URL: <http://www.sun.com> <http://www.adobe.com> <http://www.alphaWorks.ibm.com/tech/xeena> <http://www.alphaWorks.ibm.com/tech/xml4j>

Product Name: Xeena; **XML Parser** for Java

Product Name: Xeena; **XML Parser** for Java

... s creation of standard extensions to Java for XML, IBM's release of Java-based **XML** editor called Xeena and **XML Parser** for Java upgrade, and Arbortext's Epic XML upgrade. Includes one sidebar. (MEM)

Identifiers: Xeena; **XML Parser** for Java; Sun Microsystems; Adobe Systems; IBM Corp.; Arbortext

19/3,K/35 (Item 16 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2003 Info. Today Inc. All rts. reserv.

00528656 99IK03-205

Sun leads attempt to create XML API

Booker, Ellis

InternetWeek , March 15, 1999 , n756 p8, 1 Page(s)

ISSN: 0746-8121

... interface (API) for XML in response to other vendors' development of their own Java-to- **XML parsers** , while Netscape has announced plans to integrate XML into its CommerceXpert line of transaction, business...

Descriptors: **XML** ; Interface; Java; **Parser** ; Middleware; OEMs; Trends

19/3,K/36 (Item 17 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2003 Info. Today Inc. All rts. reserv.

00528596 99EM03-005

Visualizing XML

Boeri, Robert J; Hensel, Martin

EMedia Professional , March 1, 1999 , v12 n3 p52, 1 Page(s)

ISSN: 1090-946X

Company Name: Microsoft; Microsoft; Inso

Product Name: Microsoft Internet Explorer 5; Microsoft Windows 98; Dyna Text Professional Publishing System

... in Internet Explorer 5 and Windows 98, including XSL. Says that Netscape has promised a **parser** which will support **XML** . Indicates that among the proprietary viewers, Inso's Dyna Text Professional Publishing System offers an...

19/3,K/37 (Item 18 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2003 Info. Today Inc. All rts. reserv.

00522480 99IE01-203

IBM gets developer input on raw code -- Tiny alphaWorks lab helps big company remain nimble

Luh, James C

Internet World , January 18, 1999 , v5 n3 p17-19, 2 Page(s)

ISSN: 1081-3071

... are useful and bring users together with IBM researchers. Concurs that alphaWorks' successful debut is **XML** for Java **Parser** , which became an instant hit. Lists Secure Mailer, an array of XML tools, and IBM...

19/3,K/38 (Item 19 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00522257 99EK01-101

Director 7.0 casts spell on Web and multimedia -- Vector shapes and alpha channels top the list of new features for Macromedia's authoring tool
Hadjitarkhani, Abie
eMedia Weekly , January 11, 1999 , v13 n2 p20, 22, 2 Page(s)
ISSN: 0892-8118
Company Name: Macromedia
URL: <http://www.macromedia.com>
Product Name: Director 7.0

... advantage of standard Web protocols, such as HTTP, HTTPS, and CGI Post, and it can **parse XML**, and as a result Director can be used to create full-featured front-end applications...

19/3,K/39 (Item 20 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 Info. Today Inc. All rts. reserv.

00510623 98IZ10-008

Managing content -- The CMS is a database system and XML parser that takes the information from an XML or SGML document and stores it neatly in...

King, Nelson
Intelligent Enterprise , October 1, 1998 , v1 n1 p67-70, 4 Page(s)
Company Name: Poet Software
URL: <http://www.poet.com>
Product Name: Poet Content Management Suite 5.0

Managing content -- The CMS is a database system and XML parser that takes the information from an XML or SGML document and stores it neatly in.....

... and Windows NT. Explains that Poet Content Management Suite (CMS) is a database system and **extensible markup language (XML) parser** that takes the information from an XML or SGML document and stores it neatly in ...

19/3,K/40 (Item 21 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 Info. Today Inc. All rts. reserv.

00510576 98IE10-018

Lots of hype, but few XML browsers or editors on horizon
Luh, James C
Internet World , October 5, 1998 , v4 n32 p36, 1 Page(s)
ISSN: 1081-3071

Reports that, while the market was deluged with **XML parsers** as soon as the standard emerged, XML browsers and editors have been slower to appear...

19/3,K/41 (Item 22 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 Info. Today Inc. All rts. reserv.

00510575 98IE10-017

Scripting languages take back the Web

Luh, James C
Internet World , October 5, 1998 , v4 n32 p33, 35, 2 Page(s)
ISSN: 1081-3071
Company Name: ActiveState; Scriptics; Cisco Systems; Vignette; AOL Digital City
URL: <http://www.activestate.com> <http://www.scriptics.com>
Product Name: Visual Perl; TclPro

...language for working with XML, '' involves building a Perl module that

interfaces with the expat **XML** parser , building support in Perl for Unicode, and creating XML code-matching features similar to Perl...

19/3,K/42 (Item 23 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 Info. Today Inc. All rts. reserv.

00501176 98WC07-012
Create XML code automatically with XML Pro
Grossman, Edward
Windows Sources , July 1, 1998 , v6 n7 p64-66, 2 Page(s)
ISSN: 1065-9641
Company Name: Vervet Logic
URL: <http://www.vervet.com>
Product Name: XML Pro

... drag-and-drop and the ability to import. Says it supports DTD (Document Type Definition) **validation** , checking that an **XML** document is structured appropriately against a specific DTD. Concludes XMP Pro, ``even with its limitations...

19/3,K/43 (Item 24 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 Info. Today Inc. All rts. reserv.

00489360 98WQ03-002
XML; can the desperate Perl hacker do it? -- Programming XML with Perl
Leventhal, Michael
Web Techniques , March 1, 1998 , v3 n3 p45-49, 5 Page(s)
ISSN: 1086-556X

... a list of instructions that would have to be performed to include entities in the **validation** . Gives the opinion that **XML** is going to become the ubiquitous standard for text encoding. Further comments that Perl is...

19/3,K/44 (Item 25 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2003 Info. Today Inc. All rts. reserv.

00486996 98IW02-003
IBM invests in XML -- Link to DB2 opens door to enterprise
Krill, Paul; Radosevich, Lynda
InfoWorld , February 2, 1998 , v20 n5 p1, 26, 2 Page(s)
ISSN: 0199-6649

... better text-searching capabilities. Reports that in addition, the company plans to soon release an **XML** parser , written in Java that will enable users to **parse** , generate, and manipulate **XML** documents. Cites Jeffrey Jones, IBM program manager for data management marketing, who says, ``We've...

19/3,K/45 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-Eplus
(c)2003 Japan Science and Tech Corp(JST). All rts. reserv.

04653365 JICST ACCESSION NUMBER: 00A0690250 FILE SEGMENT: JICST-E
Z39.50-based Information Retrieval System for Bibliographic data. Dublin Core as a Common Schema.
TAKAKU MASAO (1); EGUSA YUKA (1); UDA NORIHIKO (1); ISHIZUKA HIDEHIRO (1)
(1) Univ. of Libr. and Inf. Sci.
Dijitaru Toshokan(Digital Libraries), 1999, NO.16, PAGE.97-106, FIG.2,
TBL.2, REF.19

JOURNAL NUMBER: L2245AAW ISSN NO: 1340-7287
UNIVERSAL DECIMAL CLASSIFICATION: 002.5:007
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Conference Proceeding
ARTICLE TYPE: Commentary
MEDIA TYPE: Printed Publication

...ABSTRACT: by RDF. The Z39.50 server searches through Dublin Core access point. The database module **parses** Dublin Core metadata written in **XML**, and makes index of metadata. (author abst.)

19/3,K/46 (Item 2 from file: 94)
DIALOG(R)File 94:JICST-Eplus
(c)2003 Japan Science and Tech Corp(JST). All rts. reserv.

04142117 JICST ACCESSION NUMBER: 99A0433477 FILE SEGMENT: JICST-E
Developments in the Web Dictionaries of East Asian Thought: Stepping Up to XML.

MULLER C (1)
(1) Toyo Gakuen Univ., Jpn
Kyoto Daigaku Ogata Keisanki Senta Kenkyu Semina Hokoku, 1999, VOL.62nd,
PAGE.80-86

JOURNAL NUMBER: Y0086AAE ISSN NO: 0910-3201
UNIVERSAL DECIMAL CLASSIFICATION: 002.2 681.3:80
LANGUAGE: English COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Conference Proceeding
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

...ABSTRACT: and structure of the dictionary have been under continuous development, with a gradual move toward **XML validity**. In the summer of 1998, both compilations were converted from S-JIS encoding to Unicode...

19/3,K/47 (Item 1 from file: 111)
DIALOG(R)File 111:TGG Natl.Newspaper Index(SM)
(c) 2003 The Gale Group. All rts. reserv.

05774265 Supplier Number: 54392119
DataChannel Releases the Most Advanced XML Parser -- XJParser -- and Introduces xDev its XML Developers Program.
Business Wire, 0012
April 16, 1999
LANGUAGE: English RECORD TYPE: Citation

DataChannel Releases the Most Advanced XML Parser -- XJParser -- and Introduces xDev its XML Developers Program.

19/3,K/48 (Item 2 from file: 111)
DIALOG(R)File 111:TGG Natl.Newspaper Index(SM)
(c) 2003 The Gale Group. All rts. reserv.

05656683 Supplier Number: 53436712
DataChannel Announces the Immediate Availability of eXtensible Markup Language XML and eXtensible Stylesheet Language XSL Implementations, Delivering the Most Advanced XML Framework in a Java-based Parser .
Business Wire, 0109
Dec 21, 1998
LANGUAGE: English RECORD TYPE: Citation

...of eXtensible Markup Language XML and eXtensible Stylesheet Language XSL Implementations, Delivering the Most Advanced XML Framework in a Java-based Parser .

19/3,K/49 (Item 3 from file: 111)
DIALOG(R)File 111:TGG Natl.Newspaper Index(SM)
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05643883 Supplier Number: 53364759
Veo Systems Announces Support For Sun Microsystems' New Java Development Kit With Java-Based Parser ; Veo Systems Leads Integration of XML and Java.
Business Wire, 0011
Dec 8, 1998
LANGUAGE: English RECORD TYPE: Citation

Veo Systems Announces Support For Sun Microsystems' New Java Development Kit With Java-Based Parser ; Veo Systems Leads Integration of XML and Java.

19/3,K/50 (Item 4 from file: 111)
DIALOG(R)File 111:TGG Natl.Newspaper Index(SM)
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05397143 Supplier Number: 20435195
Microstar Provides the Key Tool for Validated XML Documents.
Business Wire, p3241232
March 24, 1998
LANGUAGE: English RECORD TYPE: Citation

Microstar Provides the Key Tool for Validated XML Documents.

19/3,K/51 (Item 1 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2003 INIST/CNRS. All rts. reserv.

14505809 PASCAL No.: 00-0169201
ARHON : A multimedia database design for image documents
Signal processing IX : theories and applications : Rhodes, 8-11 September 1998
CHANDRINOS K V; IMMERKOER J; TRAHANIAS P E
THEODORIDIS S, ed; PITAS I, ed; STOURAITIS A, ed; KALOUPSIDIS N, ed
Institute of Computer Science, FORTH, P.O. Box 1385, Heraklion, Crete 71 110, Greece
University of Athens, Greece.; Computer Technology Institute, Patras, Greece.; European Association for Signal Processing, Lausanne, Switzerland.
Eusipco : European signal processing conference, 9 (Rhodes GRC)
1998-09-08
1998 1709-1712
Publisher: Typorama, Patras
Language: English

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... images, sound-clips, video or subparts of them without altering the original. The output is **XML** files that can be **parsed** by viewers to navigate through the semantic information or used by search agents to refine...

19/3,K/52 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2003 Inst for Sci Info. All rts. reserv.

07374115 Genuine Article#: 157GT No. References: 39
Title: Representing information in patient reports using natural language processing and the extensible markup language
Author(s): Friedman C (REPRINT) ; Hripcsak G; Shagina L; Liu HF

Corporate Source: COLUMBIA UNIV, DEPT MED INFORMAT, 161 FT WASHINGTON AVE,
AP-1310/NEW YORK//NY/10032 (REPRINT); CUNY QUEENS COLL,/NEW YORK//NY/
Journal: JOURNAL OF THE AMERICAN MEDICAL INFORMATICS ASSOCIATION, 1999, V6
, N1 (JAN-FEB), P76-87
ISSN: 1067-5027 Publication date: 19990100
Publisher: HANLEY & BELFUS INC, 210 S 13TH ST, PHILADELPHIA, PA 19107
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: were processed using the modified NLP system, and the XML
output that was generated was **validated** using an **XML validating**
parser .

Results: The modified NLP system successfully processed all 200
reports. The output of one report...

?